

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First  
Named  
Inventor: Stephen A. Boppart

Serial No.: 10/753,972

Examiner: Shahrestani, Nasir

Filing  
Date: January 8, 2004

Group Art Unit: 3737

Title: MULTI-FUNCTIONAL  
PLASMON-RESONANT  
CONTRAST AGENTS FOR  
OPTICAL COHERENCE  
TOMOGRAPHY

Confirmation No.: 6450

**INFORMATION DISCLOSURE STATEMENT**


M.S. – Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the references identified on the attached Form PTO-1449, required copies of which are enclosed herewith in accordance with 37 C.F.R. §1.98, be made during the course of examination of the above-referenced application for United States Letters Patent.

Respectfully submitted,

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Form PTO-1449 (Rev. 8-88)	Attorney Docket No. IPJ01-001-US	Serial No. 10/753,972
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	First Named Inventor: Stephen A. Boppart	
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U.S. PATENT DOCUMENTS							
Examiner Initials*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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	Z2	5,095,487	03/1992	Meyerhofer et al.			
	Z3	5,247,343	09/1993	Burch			
	Z4	5,303,710	04/1994	Bashkansky et al.			
	Z5	5,362,478	11/1994	Desai et al.			
	Z6	5,439,686	08/1995	Desai et al.			
	Z7	5,498,421	03/1996	Grinstaff et al.			
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	Z42	6,538,805	03/2003	Norwood et al.			
	Z44	6,618,423 B1	09/2003	Dekorsy et al.			
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	Z57	6,108,081	08/2000	Holtom et al.			

Examiner Initials*		OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
	X1	Ai et al., "Electrostatic layer-by-layer nanoassembly on biological microtemplates: platelets", Biomacromolecules, 3:560-564, 2002.
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	X3	Amsden, "The production of uniformly sized polymer microspheres", Pharm. Res., 16:1140-1143, 1999.
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	X41	Fu et al., "Visual evidence of acidic environment within degrading poly(lactic-co-glycolic acid) (PLGA) microspheres", Pharmaceutical Research, 17:100-106, 2000.
	X44	Geny et al., "Safety of a new transpulmonary echocontrast agent (Albunex®) in repeated echocardiographic studies in patients", Clin. Cardiol., 20:111-115, 1997.

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	X75	Kolbeck, "The biomedical applications of protein microspheres", Ph.D. Doctoral Thesis, University of Illinois, Urbana-Champaign, title page and pp. 153, 159-160, 1999.
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	X79	Lasic et al., "Liposomes revisited", Science, 267:1275-1276, 1995.
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	X101	Mathias et al., "Tumor-selective radiopharmaceutical targeting via receptor-mediated endocytosis of Gallium-67-deferoxamine-folate", J. of Nuclear Medicine, 37:1003-1008, 1996.
	X102	McNamara III et al., "Sonoluminescence temperatures during multi-bubble cavitation", Nature, 401:772-775, 1999.
	X107	Mohwald, "From Langmuir monolayers to nanocapsules", Colloids and Surfaces A: Physicochem. Eng. Aspects, 171:25-31, 2000.
	X115	Peters, "All about Albumin, in Biochemistry, Genetics, and Medical Applications, (Academic Press, New York), p. 46, 1996.

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	X116	Pinkerton et al., "Aerosolized fluorescent microspheres detected in the lung using confocal scanning laser microscopy", Microscopy Research and Technique, 26:437-443, 1993.
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	X146	Suslick et al., "Protein Microencapsulation of Nonaqueous Liquids", J. Am. Chem. Soc., 112:7807-7809, 1990.
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	X148	Suslick, "Sonochemistry", Science, 247: 1439-1445, 1990.
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	X191	Bredfeldt et al., "Non-linear interferometric vibrational imaging", Conference on Lasers and Electro-optics", CLEO '03, pp. 309-311, 2003.

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	X192	Vinegoni et al., "Nonlinear optical contrast enhancement for optical coherence tomography", <a href="http://www.arxiv.org/abs/physics/0312114">http://www.arxiv.org/abs/physics/0312114</a> , 13 pages (2003)
	X193	Zumbusch et al., "Three-dimensional vibrational imaging by coherent anti-Stokes Raman scattering", Phys. Rev. Lett., 82(20), pp. 4142-4145, 1999.
	X194	Cheng et al., "An epi-detected coherent anti-Stokes Raman scattering (E-CARS) microscope with high spectral resolution and high sensitivity", J. Phys. Chem, 105(7), pp. 1277-1280, 2001.
	X195	Hashimoto et al., "Molecular vibration imaging in the fingerprint region by use of coherent anti-Stokes Raman scattering microscopy with a collinear configuration", Opt. Lett., 25(24), pp. 1768-1770, 2000.
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